

ABSTRACT

A motorized directionally steerable trailer tongue jack having a height adjustment system, a steering system, a drive system, a mounting plate, and a control system. The height adjustment system includes a power transmission screw. The power transmission screw is secured to the drive system at one end and proceeds to pass through the height adjustment system, the mounting plate, and the steering system. The power transmission screw engages the height adjustment system through threaded receipt in a power sleeve nut, and engages the steering system via receipt in a steering sleeve that fixes the relative position of the screw and the sleeve. The power transmission screw and power sleeve nut may be self-locking. The control system may include a wireless user pendent. The control system permits a user to move and steer a trailer while adjusting the tongue height to cooperate with a vehicle hitch.